

AMENDMENTS TO THE CLAIMS

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CI 1. (Currently Amended) A data transfer apparatus,
comprising:

an attribute information acquiring unit acquiring attribute
information of data managed by an equipment connected to a network
wherein the attribute information is included in the content of
data received in a communication from the equipment;

BT a transfer selecting unit selecting a method of data transfer
based on the attribute information of data acquired by said
attribute information acquiring unit; and

a data receiving unit receiving data by the method of transfer
selected by said transfer selecting unit.

2. (Original) The data transfer apparatus according to claim
1, wherein said data receiving unit receives data by a plurality of
physical layers.

3. (Original) The data transfer apparatus according to claim
1, wherein said transfer selecting unit includes a protocol
selecting unit selecting a protocol based on the attribute
information of data acquired by said attribute information
acquiring unit.

4. (Original) The data transfer apparatus according to claim 1, wherein said transfer selecting unit includes a command set selecting unit selecting a command set based on the attribute information of data acquired by said attribute information acquiring unit.

C/ 5. (Currently Amended) A data transfer apparatus, comprising:

an attribute information acquiring unit acquiring attribute information of data managed by an equipment connected to a network wherein the attribute information is included in the content of data received in a communication from the equipment;

a transfer selecting unit selecting a method of data transfer based on the attribute information of data acquired by said attribute information acquiring unit; and

a data transmitting unit transmitting data by the method of transfer selected by said transfer selecting unit.

6. (Original) The data transfer apparatus according to claim 5, wherein said data transmitting unit transmits data by a plurality of physical layers.

7. (Original) The data transfer apparatus according to claim 5, wherein said transfer selecting unit includes a protocol selecting unit selecting a protocol based on the attribute information of data acquired by said attribute information acquiring unit.

8. (Original) The data transfer apparatus according to claim 5, wherein said transfer selecting unit includes a command set selecting unit selecting a command set based on the attribute information of data acquired by said attribute information acquiring unit.

9. (Currently Amended) A data transfer apparatus, comprising:

an equipment attribute information acquiring unit acquiring attribute information of an equipment connected to a network wherein the attribute information is included in the content of data received in a communication from the equipment;

an equipment attribute information selecting unit selecting attribute information of first and second equipments among equipment attribute information acquired by said equipment attribute information acquiring unit;

a data attribute information acquiring unit acquiring attribute information of data managed by the first equipment selected by said equipment attribute information selecting unit;

a transfer selecting unit selecting a method of data transfer based on the attribute information of data acquired by said data attribute information acquiring unit and on attribute information of said second equipment; and

a data transfer instructing unit instructing data transfer from said first equipment to said second equipment by the transfer method selected by said transfer selecting unit.

10. (Original) The data transfer apparatus according to claim 9, wherein said transfer selecting unit selects a protocol based on the attribute information of data acquired by said data attribute information acquiring unit.

11. (Original) The data transfer apparatus according to claim 9, wherein said transfer selecting unit selects a command set based on the attribute information of data acquired by said data attribute information acquiring unit.

12. (Currently Amended) A method data transfer, comprising the steps of:

acquiring attribute information of data managed by an equipment connected to a network wherein the attribute information is included in the content of data received in a communication from the equipment;

selecting a method of data transfer based on said acquired attribute information of data; and

receiving data by said selected method of transfer.

13. (Currently Amended) A method of data transfer, comprising the steps of:

acquiring attribute information of data managed by an equipment connected to a network wherein the attribute information is included in the content of data received in a communication from the equipment;

selecting a method of data transfer based on said acquired attribute information of data; and

transmitting data by said selected method of transfer.

14. (Currently Amended) A method of data transfer, comprising the steps of:

acquiring attribute information of an equipment connected to a network wherein the attribute information is included in the content of data received in a communication from the equipment;

selecting attribute information of first and second equipments
from said attribute information of equipments;

acquiring attribute information of data managed by said
selected first equipment;

selecting a method of data transfer based on said acquired
attribute information of data and said attribute information of
said second equipment; and

instructing data transfer from said first equipment to said
second equipment by said selected method of transfer.

15. (Currently Amended) A computer readable recording medium
recording a program for a computer to execute a method of data
transfer, wherein said method includes the steps of:

acquiring attribute information of data managed by an
equipment connected to a network wherein the attribute information
is included in the content of data received in a communication from
the equipment,

selecting a method of data transfer based on said acquired
attribute information of data, and

receiving data by said selected method of transfer.

16. (Currently Amended) A computer readable recording medium recording a program for a computer to execute a method of data transfer, wherein said method includes the steps of

acquiring attribute information of data managed by an equipment connected to a network wherein the attribute information is included in the content of data received in a communication from the equipment,

selecting a method of data transfer based on said acquired attribute information of data, and

transmitting data by said selected method of transfer.

17. (Currently Amended) A computer readable recording medium recording a program for a computer to execute a method of data transfer, wherein said method includes the steps of

acquiring attribute information of an equipment connected to a network wherein the attribute information is included in the content of data received in a communication from the equipment,

selecting attribute information of first and second equipments from said acquired attribute information of equipments,

acquiring attribute information of data managed by said selected first equipment,

selecting a method of data transfer based on said acquired attribute information of data and said attribute information of said second equipment, and

instructing data transfer from said first equipment to said second equipment by said selected method of transfer.

18. (Currently Amended) A data transfer apparatus, comprising:
an attribute information acquiring unit acquiring attribute information of data managed by an equipment connected to a network from the equipment using a common protocol wherein the attribute information is included in the content of data received in a communication from the equipment;

a transfer selecting unit selecting a method of data transfer based on the attribute information of data acquired by said attribute information acquiring unit; and

a data receiving unit receiving data by the method of transfer selected by said transfer selecting unit.

19. (Previously Presented) The data transfer apparatus according to claim 18, wherein said attribute information acquiring unit acquires said attribute information of data as a directory information from said equipment, and

said transfer selecting unit selects the method of data transfer based on the attribute information of data selected by a user among said directory information acquired by said attribute information acquiring unit.

20. (Currently Amended) A data transfer apparatus, comprising:
an attribute information acquiring unit acquiring attribute information of data managed by an equipment connected to a network from the equipment using a common protocol wherein the attribute information is included in the content of data received in a communication from the equipment;

a transfer selecting unit selecting a method of data transfer based on the attribute information of data acquired by said attribute information acquiring unit; and

a data transmitting unit transmitting data by the method of transfer selected by said transfer selecting unit.

21. (Currently Amended) A data transfer apparatus, comprising:
an equipment attribute information acquiring unit acquiring attribute information of an equipment connected to a network from the equipment using a common protocol wherein the attribute information is included in the content of data received in a communication from the equipment;

an equipment attribute information selecting unit selecting attribute information of first and second equipments among equipment attribute information acquired by said equipment attribute information acquiring unit;

a data attribute information acquiring unit acquiring attribute information of data managed by the first equipment selected by said equipment attribute information selecting unit from the first equipment using said common protocol;

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a transfer selecting unit selecting a method of data transfer based on the attribute information of data acquired by said data attribute information acquiring unit and on attribute information of said second equipment; and


a data transfer instructing unit instructing data transfer from said first equipment to said second equipment by the transfer method selected by said transfer selecting unit.

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22. (New) The data transfer apparatus according to claim 1, wherein the attribute information is extracted from the communication.

23. (New) The data transfer apparatus according to claim 5, wherein the attribute information is extracted from the communication.

24. (New) The data transfer apparatus according to claim 9, wherein the attribute information is extracted from the communication.

25. (New) The data transfer apparatus according to claim 12, wherein the attribute information is extracted from the communication.

 26. (New) The data transfer apparatus according to claim 13, wherein the attribute information is extracted from the communication.

27. (New) The data transfer apparatus according to claim 14, wherein the attribute information is extracted from the communication.

28. (New) The data transfer apparatus according to claim 15, wherein the attribute information is extracted from the communication.

29. (New) The data transfer apparatus according to claim 16, wherein the attribute information is extracted from the communication.

30. (New) The data transfer apparatus according to claim 17, wherein the attribute information is extracted from the communication.

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cont* 31. (New) The data transfer apparatus according to claim 18, wherein the attribute information is extracted from the communication.

32. (New) The data transfer apparatus according to claim 20, wherein the attribute information is extracted from the communication.

33. (New) The data transfer apparatus according to claim 21, wherein the attribute information is extracted from the communication.